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(54) **Process for the production of acetic acid**

(57) A process for the production of acetic acid by reacting carbon monoxide with methanol and/or a reactive derivative thereof in a liquid reaction composition comprising an iridium carbonylation catalyst, methyl iodide, methyl acetate, water and acetic acid character-

ised in that there is also present in the reaction composition a polydentate phosphine oxide compound in an amount of less than 10 mol per gram atom of iridium.

EP 1 099 681 A3

EP 1 099 681 A3

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EUROPEAN SEARCH REPORT

Application Number
EP 00 30 9647

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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 21 November 2002	Examiner Delanghe, P
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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